

I Claim:

- 1 1. An improved electrical apparatus configured for resistance to atmospheric
2 effects; the apparatus including at least one electrical device and a package structure
3 substantially enclosing said at least one electrical device; the improvement
4 comprising: involving a corrosion-resisting agent with said package structure.
- 1 2. An improved electrical apparatus configured for resistance to atmospheric corrosive
2 effects as recited in Claim 1 wherein said electrical apparatus is affixed with a
3 substrate included in an electrical product and wherein said substrate is embodied in a
4 chemical compound material; said involving being effected by subsuming said
5 corrosion-resisting agent as an element of said compound material.
- 1 3. An improved electrical apparatus configured for resistance to atmospheric corrosive
2 effects as recited in Claim 1 wherein said electrical apparatus is affixed with a
3 substrate included in an electrical product and wherein said substrate is embodied in a
4 chemical mixture material; said involving being effected by subsuming said
5 corrosion-resisting agent as a component of said mixture material.
- 1 4. An improved electrical apparatus configured for resistance to atmospheric corrosive
2 effects as recited in Claim 1 wherein said package structure is embodied in a chemical
3 compound material and wherein said involving is effected by subsuming said
4 corrosion-resisting agent as an element of said compound material.
- 1 5. An improved electrical apparatus configured for resistance to atmospheric corrosive
2 effects as recited in Claim 1 wherein said package structure is embodied in a chemical
3 mixture material and wherein said involving is effected by subsuming said corrosion-
4 resisting agent as a component of said mixture material.
- 1 6. An improved electrical apparatus configured for resistance to atmospheric corrosive

2 effects as recited in Claim 4 wherein said package structure effects said substantially
3 enclosing said at least one electrical device to establish an enclosed volume
4 substantially bounded by said package structure; said at least one electrical device
5 being substantially contained within said enclosed volume.

1 7. An improved electrical apparatus configured for resistance to atmospheric corrosive
2 effects as recited in Claim 4 wherein said packaging structure is a substantially solid
3 structure and wherein said at least one electrical device is substantially embedded
4 within said solid structure.

1 8. An electrical apparatus having resistance to atmospheric effects; the apparatus
2 comprising at least one electrical device and a packaging structure; said packaging
3 structure substantially enclosing said at least one electrical device; said packaging
4 structure including a corrosion-resisting agent.

1 9. An electrical apparatus having resistance to atmospheric effects as recited in Claim 8
2 wherein said electrical apparatus is affixed with a substrate included in an electrical
3 product and wherein said substrate is embodied in a chemical compound material;
4 said including being effected by subsuming said corrosion-resisting agent as an
5 element of said compound material.

1 10. An electrical apparatus having resistance to atmospheric effects as recited in Claim 8
2 wherein said electrical apparatus is affixed with a substrate included in an electrical
3 product and wherein said substrate is embodied in a chemical mixture material; said
4 including being effected by subsuming said corrosion-resisting agent as a component
5 of said mixture material.

1 11. An electrical apparatus having resistance to atmospheric effects as recited in Claim 8
2 wherein said package structure is embodied in a chemical compound material and

3 wherein said including is effected by subsuming said corrosion-resisting agent as an
4 element of said compound material.

1 12. An electrical apparatus having resistance to atmospheric effects as recited in Claim 8
2 wherein said package structure is embodied in a chemical mixture material and
3 wherein said including is effected by subsuming said corrosion-resisting agent as a
4 component of said mixture material.

1 13. A method for manufacturing an electrical apparatus having resistance to atmospheric
2 effects; the method comprising the steps of:

3 (a) in no particular order:

4 (1) providing at least one electrical device;

5 (2) providing a substrate; and

6 (b) providing a packaging structure; said packaging structure being configured for
7 cooperating with said substrate to substantially fixedly enclose said at least one
8 electrical device;

9 at least one of said substrate and said packaging structure including a corrosion-
10 resisting agent.

1 14. A method for manufacturing an electrical apparatus having resistance to atmospheric
2 effects as recited in Claim 13 wherein said substrate is embodied in a chemical
3 compound material and wherein said including is effected by subsuming said
4 corrosion-resisting agent as an element of said compound material.

1 15. A method for manufacturing an electrical apparatus having resistance to atmospheric
2 effects as recited in Claim 13 wherein said substrate is embodied in a chemical
3 mixture material and wherein said including is effected by subsuming said corrosion-
4 resisting agent as a component of said mixture material.

1 17. A method for manufacturing an electrical apparatus having resistance to atmospheric
2 effects as recited in Claim 13 wherein said package structure is embodied in a
3 chemical mixture material and wherein said including is effected by subsuming said
4 corrosion-resisting agent as a component of said mixture material.

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